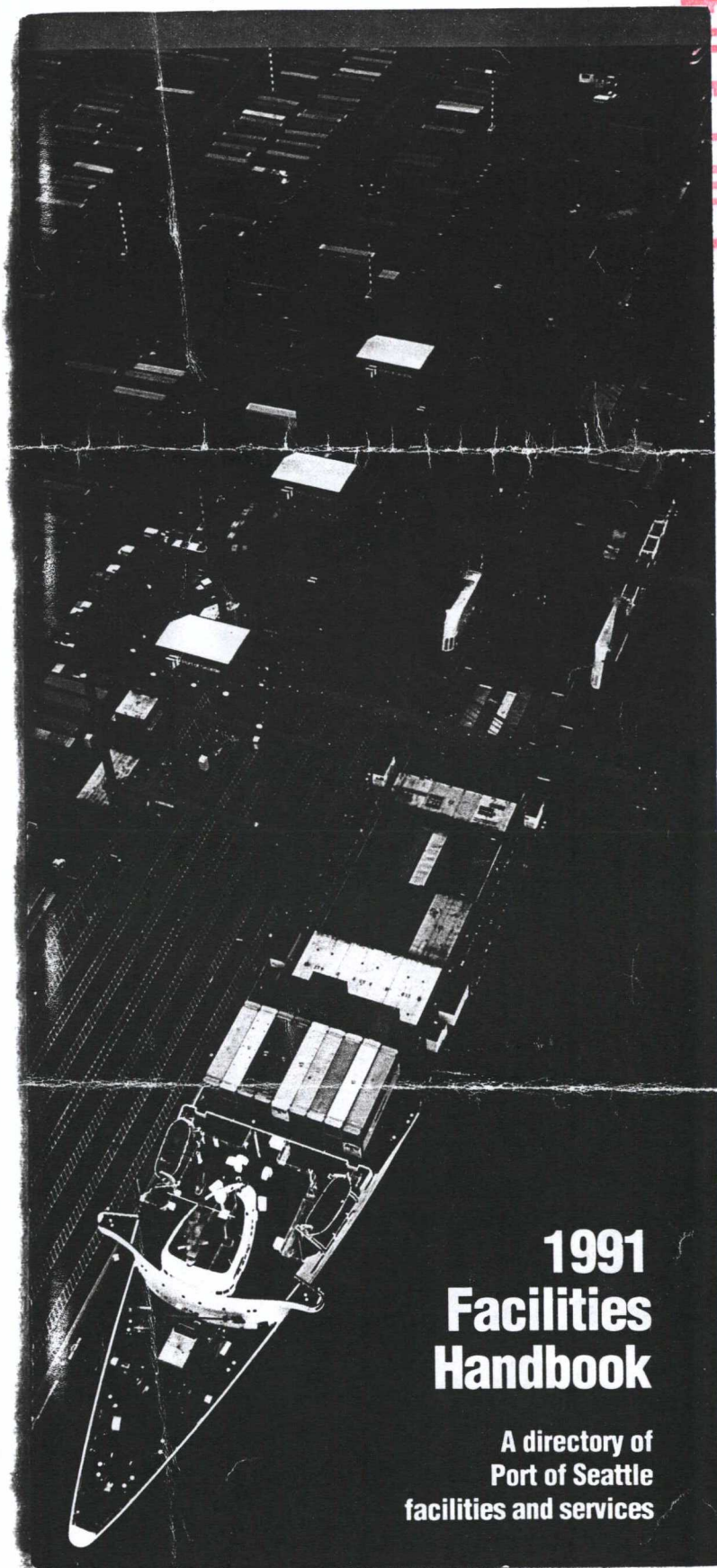


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# 1991 Facilities Handbook

A directory of  
Port of Seattle  
facilities and services

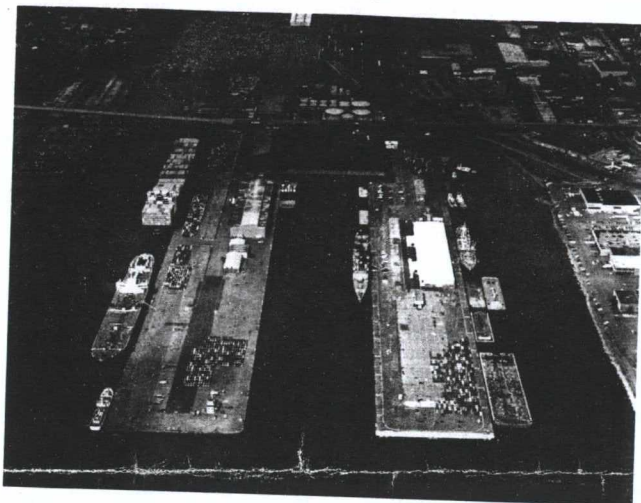
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## Terminal 91 (Piers 90 & 91)



Terminal 91, looking north

**Street Address:** 2001 W. Garfield St., Seattle, WA 98119 (fronts on Elliott Bay, with upland area extending from W. Garfield Street to W. Halladay Street)

**Summary:** This massive, general-cargo terminal complex handles auto imports, fruit imports/exports, frozen meats and seafoods and accommodates numerous water and non-water-dependent tenants. An oil tank farm handles bunker fuel and waste oil products. The U.S. Navy leases a berth for ships, tugs and other vessels, in addition to adjacent yard space. Rehabilitation of existing facilities and development of new facilities, which continued through 1991, will improve the terminal's ability to handle cargo. Additional cold storage and fish processing space is planned for 1991 completion for lease to SeaPro Cold Storage, Cascade Cold, Inc. and Arctic Alaska Sea Foods, Inc.

**Area:** 50 hectares (124 acres) usable land area (excludes acreage devoted to pedestrian and bicycle paths and green belts)

**Berthing Facilities:** Piers 90 and 91 provide 2,608m (8,554 ft.) of berthing space, with controlling water depth of 10.66m (35 ft.)

### Navigational Notes

Terminals 2 through 91 are located either directly on Elliott Bay, with water depths of up to 183m (600 ft.), or on the wide, deepwater East and West Waterways. Access to these terminals is not hindered by bridges, bars or other navigational obstacles.

Terminals 102 through 115 are located on the Duwamish Waterway. Terminals with existing or proposed berthing facilities therefore are affected by the following navigational improvements:

- Construction of a new 76m (250 ft.) horizontal clearance, low-level swing type highway bridge to replace the existing 46m (150 ft.) horizontal clearance bascule-type drawbridge over the Duwamish River at Spokane Street.
- Possible replacement of the existing 44m (145 ft.) horizontal clearance railroad bridge with a new 76m wide, 43m high (250 x 140 ft.), vertical lift railroad bridge.

These improvements will enhance future use of Port terminals on the Duwamish Waterway.



### Terminal 91 (Piers 90 & 91) (continued)

**Storage:** Warehouse and transit shed space totaling 30,799 m<sup>2</sup> (331,518 sq. ft.); freeze/chill space totaling 53,802m<sup>3</sup> (1.9 million cu. ft.); liquid storage with capacity of 33.9 million liters (213,000 barrels); open yard totaling 41 hectares (103 acres)

**Equipment:** 1 heavy forklift with capacity of 13.6 metric tons (15 s.t.)

**Access:** Truck, rail, pipeline between selected berths and upland tank farms, plus public access to Smith Cove Park

### Terminal 102

**Street Address:** 1317 S.W. Spokane St., Seattle, WA 98134 (on Duwamish Waterway at south end of Harbor Island)

**Summary:** A private development group has constructed an 80-slip pleasure-boat marina and plans to construct related upland facilities. A second marina on the west waterway offers mooring space for 96 boats. Nearing completion is upland development which includes six 2-story manufacturing/warehouse buildings.

**Access:** Truck

### Terminal 105



Terminal 105, looking east

**Street Address:** 4260 W. Marginal Way S.W., Seattle, WA 98134 (on west bank of Duwamish Waterway)

**Summary:** The southern portion of this terminal is used by Crowley Maritime Corp. for maintenance of equipment and mooring of idle tugs and barges. The northern portion of the water frontage will be developed together with more than 8 hectares (20 acres) of adjoining upland space for other marine activities.

**Area:** 10 hectares (25 acres)

**Berthing Facilities:** 2 general cargo/barge berths totaling 338m (1,110 ft.), with controlling water depth of 5 to 12m (15 to 40 ft.); 1 undeveloped berth totaling 350m (1,150 ft.)

**Storage:** 2.8 hectares (7 acres) now devoted to barge and related activities

**Access:** Truck, rail



March 17, 1992.

## ACTION UPDATE

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PENDING REGULATORY ACTIONS & APPROVALS cont.**Terminal 91 2001 West Garfield Street, Elliott Bay:**

Project Name/Description: Pier 91 West Apron Rehabilitation. Construction of new concrete apron and rehabilitation of the existing timber apron including 1,000 linear feet of timber and piling. Project also includes maintenance dredge of approximately 10,000 cubic yards.

Regulatory Approvals/Schedules: SEPA DNS was published on 1/15/91. S/MUP application submitted on 1/16/91. HPA and Corps permits were applied for on 2/22/91. (BH/DH)

**Terminal 91 2001 West Garfield Street, Elliott Bay:**

Project Name/Description: Construction of two new chill buildings.

Regulatory Approvals/Schedules: SEPA DNS published 6/20/91. S/MUP submitted 2/11/91. (BH)

**Terminal 91 2001 West Garfield Street, Elliott Bay:**

Project Name/Description: Construction of battery charge building for electrical forklifts.

Regulatory Approvals/Schedule: SEPA DNS to be published in June 1992. S/MUP submittal expected in June 1992. (BH)

**Fishermen's Terminal 1735 West Thurman Street, Lake Washington Ship Canal**

Project Name/Description: Removal and replacement of waste oil tanks.

Regulatory Approvals/Schedules: SEPA DNS and S/MUP in 2nd quarter 1992. (BH)

**Shilshole Bay Marina 7001 Seaview Avenue NW, Shilshole Bay:**

Project Name/Description: Marina minor upgrades and rehabilitation. Project includes: dredge under six floats, installation of four new small floats, a boat yard building, improvements to Dock A, minor improvements to Little Coney restaurant

Regulatory Approvals/Schedules: SEPA DNS published 12/12/91. S/MUP, HPA, and Corps submittals expected in February 1992. Little Coney restaurant is SEPA exempt (minor new construction). (BH/DH)

**Shilshole Bay Marina 7001 Seaview Avenue NW, Shilshole Bay:**

Project Name/Description: Fuel tank replacement. Removal of eight underground storage tanks (5 gasoline tanks, largest volume 10,000 gallons; 3 diesel tanks of 10,000 gallons each) and replacement of these tanks with two 20,000 gallon underground tanks. New tanks will include features consistent with existing underground storage tank corrosion and leak detection requirements.

Regulatory Approvals/Schedules: DNS published 8/90. S/MUP submittal expected in 1992. (BH)